

ALEX DRLICA-WAGNER

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Education	◇ Stanford University, Ph.D. Physics	2013
	◇ Washington University in St. Louis, B.A. Physics (<i>summa cum laude</i>)	2008
Employment	◇ FERMI NATIONAL ACCELERATOR LABORATORY Wilson Fellow (Associate Scientist)	2018–present
	◇ UNIVERSITY OF CHICAGO Assistant Professor, Astronomy & Astrophysics	2018–present
	◇ FERMI NATIONAL ACCELERATOR LABORATORY Schramm Fellow (Postdoctoral Research Associate)	2013–2018
	◇ SLAC NATIONAL ACCELERATOR LABORATORY Giddings Fellow (Graduate Research Associate)	2009–2013
Research Interests	◇ Astrophysical probes of and indirect searches for particle dark matter	
	◇ Near-field cosmology and small-scale structure	
	◇ Cosmological probes of dark matter, dark energy, and neutrinos	
	◇ Low-noise CCD detector development	
	◇ Statistical techniques for analyzing Big Data in astrophysics	
Honors and Awards	◇ Wilson Fellow, Fermi National Accelerator Laboratory	2018
	◇ Evans Visiting Scholar in Astrophysics, University of California, Irvine	2018
	◇ Alvin Tollestrup Award, Fermi National Accelerator Laboratory	2016
	◇ KICP Associate Fellow, University of Chicago	2014
	◇ Schramm Fellow, Fermi National Accelerator Laboratory	2013
	◇ Giddings Graduate Fellow, Stanford University	2012
	◇ Joachim Herz Stiftung Fellow, 62nd Lindau Meeting of Noble Laureates	2012
	◇ Office of Science Graduate Fellow, United States Department of Energy	2010
	◇ Senior Physics Prize, Washington University in St. Louis	2008
	◇ Greg Delos Fellow, Washington University in St. Louis	2007
Service, Teaching, and Outreach	◇ Convener of the DES Milky Way and Science Release working groups	
	◇ Reviewer for <i>Science</i> , PRL, PRD, ApJL, <i>Fermi</i> -LAT, and DES Collaborations	
	◇ Research mentor for 10+ students at graduate, undergraduate, and high school levels	
	◇ \$1M+ in research funding through grants, awards, and scholarships	
	◇ Organizer of student and postdoc associations at Stanford, SLAC, and Fermilab	
	◇ Public tour guide for Fermilab, SLAC, and the American Museum of Natural History	
Presentations	◇ 30+ invited talks at scientific conferences, seminars, and colloquia.	
	◇ 10+ general audience talks on astrophysics, cosmology, and the search for dark matter	
Publications	◇ Lead author of 30+ refereed publications in cosmology and particle astrophysics	
	◇ 150+ total publication, 22,000+ citations, h-index: 73, i10-index: 156	
	◇ Full publication list available at: http://home.fnal.gov/~kadrlica/publications.html	
Technical Skills	◇ Expertise in astrophysical data analysis for: DECam, <i>Fermi</i> -LAT, ROSAT	
	◇ Computational Skills: Python, C/C++, bash, html, L ^A T _E X, LSF/Condor, ROOT, Geant4	
	◇ Software repositories: https://github.com/kadrlica	